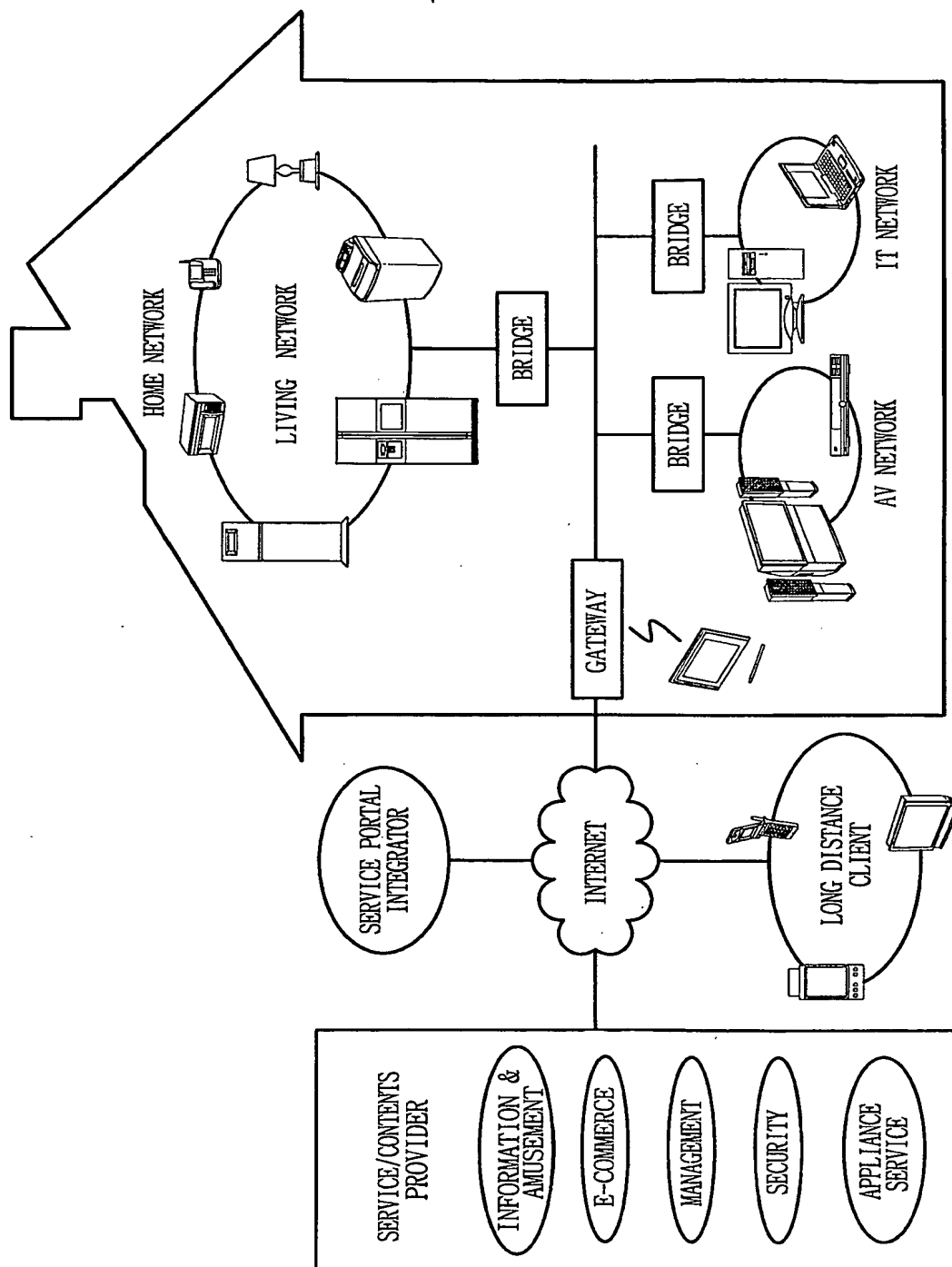


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FIG. 1



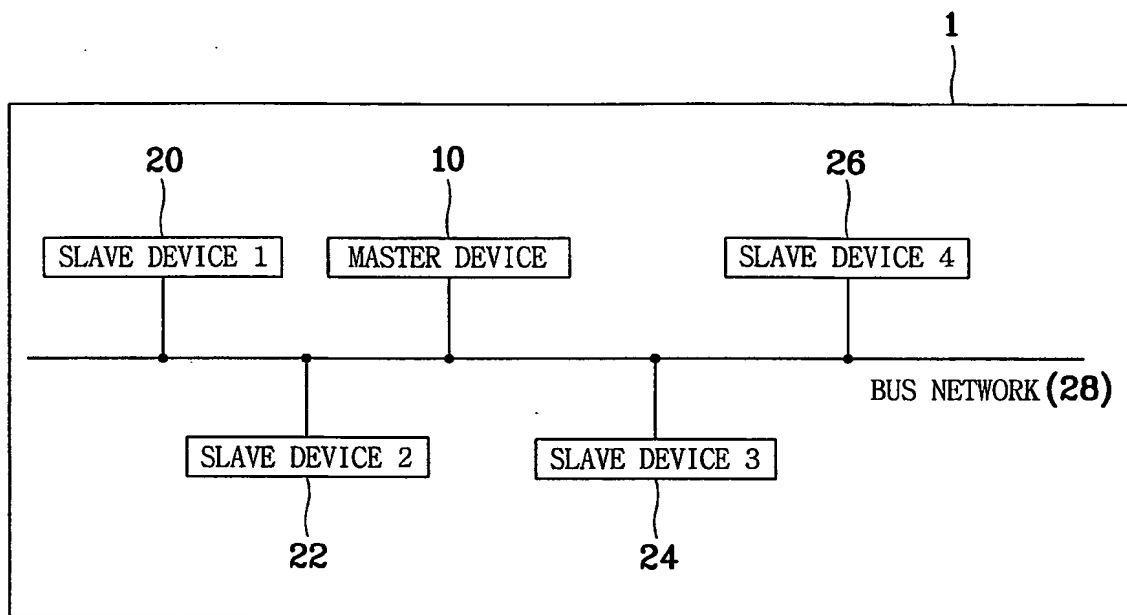
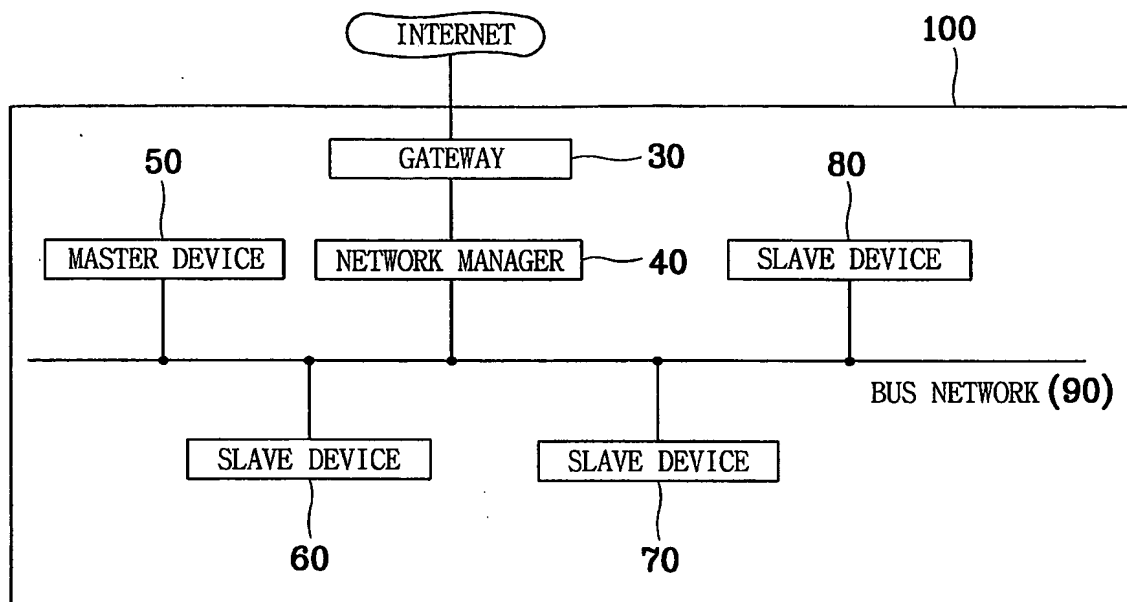
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FIG.2

FIG.3

| PRODUCT NAME | ADDRESS |
|----------------|---------|
| MASTER DEVICE | 0x0000 |
| SLAVE DEVICE 1 | 0x0101 |
| SLAVE DEVICE 2 | 0x0201 |
| SLAVE DEVICE 3 | 0x0301 |
| SLAVE DEVICE 4 | 0x0401 |

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FIG. 4

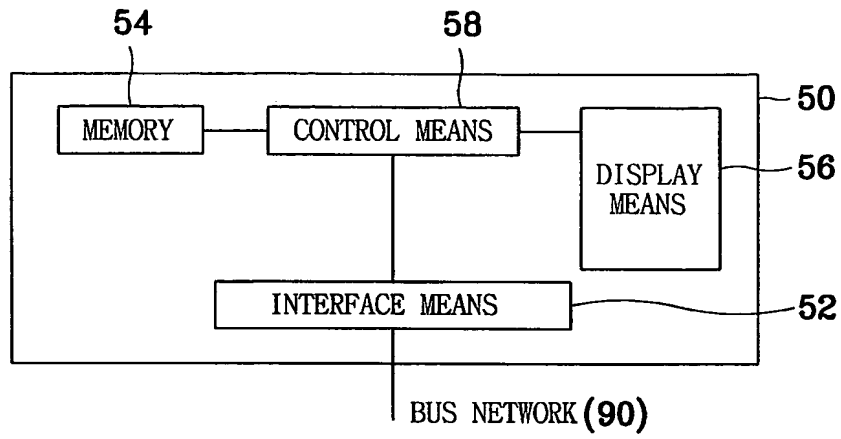
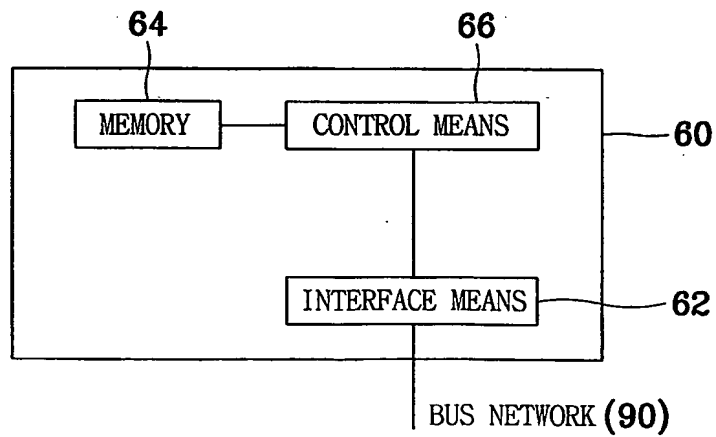
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FIG. 5A

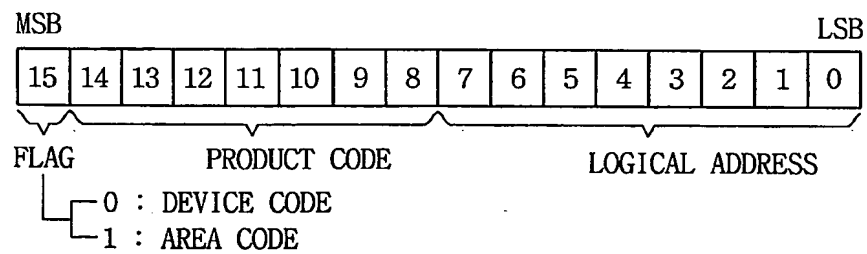
FIG. 5B



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FIG.6A

| FIXED CODE (8 BIT) | LOGICAL ADDRESS(8 BIT) |
|--------------------|------------------------|
| PRODUCT CODE | DEVICE CODE |
| | AREA CODE |

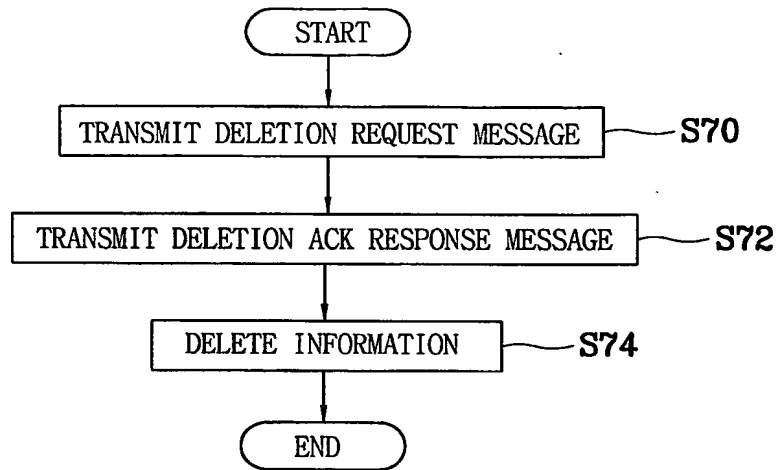
FIG.6B



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FIG.6C

| PRODUCT NAME | PRODUCT CODE | ADDRESS RANGE |
|--------------------------------|--------------|-----------------|
| MASTER DEVICE(NETWORK MANAGER) | 0x00 | 0x0000 ~ 0x00FE |
| REFRIGERATOR | 0x01 | 0x0100 ~ 0x01FE |
| AIR CONDITIONER | 0x02 | 0x0200 ~ 0x02FE |
| MICROWAVE OVEN | 0x03 | 0x0300 ~ 0x03FE |
| ⋮ | ⋮ | ⋮ |

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FIG. 7



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FIG.8A

| PRODUCT NAME | ADDRESS | AREA(AREA CODE) | STATUS |
|------------------------------------|---------|-------------------|-----------|
| MASTER DEVICE (NETWORK MANAGER) | 0x0000 | LIVING ROOM(0x01) | OPERATION |
| REFRIGERATOR | 0x0101 | KITCHEN(0x02) | OPERATION |
| AIR CONDITIONER 1 | 0x0202 | LIVING ROOM(0x01) | OPERATION |
| AIR CONDITIONER 2 | 0x0203 | ROOM 1(0x03) | STOP |
| AIR CONDITIONER 3 | 0x0201 | ROOM 2(0x04) | STOP |
| AIR CONDITIONER 4 | 0x0204 | ROOM 3(0x05) | OPERATION |
| MICROWAVE OVEN | 0x0301 | KITCHEN(0x02) | STOP |

FIG.8B

| PRODUCT NAME | ADDRESS | AREA(AREA CODE) | STATUS |
|------------------------------------|---------|-------------------|-----------|
| MASTER DEVICE (NETWORK MANAGER) | 0x0000 | LIVING ROOM(0x01) | OPERATION |
| REFRIGERATOR | 0x0101 | KITCHEN(0x02) | OPERATION |
| AIR CONDITIONER 1 | 0x0202 | LIVING ROOM(0x01) | OPERATION |
| AIR CONDITIONER 2 | — | — | — |
| AIR CONDITIONER 3 | 0x0201 | ROOM 2(0x04) | STOP |
| AIR CONDITIONER 4 | 0x0204 | ROOM 3(0x05) | OPERATION |
| MICROWAVE OVEN | 0x0301 | KITCHEN(0x02) | STOP |